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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	10/608,092
Filing Date	30-Jun-2003
First Named Inventor	Gray, Joe W., et al.
Art Unit	1631
Examiner Name	Marjorie A. Moran

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T6
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				
	B12	PCT - WO 90/05789	05-31-1990	YALE UNIVERSITY		
	B13	EP-A-0430 402	06-05-1991	GRAY et al.		
	B14	CA - 1,301,605	05-26-1992	GRAY et al.		
	B15	PCT - WO 94/09022	04-28-1994	WANG et al.		
	B16	JP-A-2005-304508	11-04-2005	GRAY et al.		

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Sheet	1	of	17	Attorney Docket Number	7045945002

NON PATENT LITERATURE DOCUMENTS

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	B17	ABE et al., Chromosomal In Situ Hybridization and Southern Blot Analyses Using c-abl, c-sis, or bcr Probe in Chronic Myelogenous Leukemia Cells with Variant Philadelphia Translocations, Vol. 38, pgs. 61-74 (1989), Cancer Genet Cytogenet	
	B18	ALWINE et al., Methods in Enzymology, Vol. 68, pgs. 220-242 (Academic Press, New York, 1979)	
	B19	ANGERER et al., "In Situ Hybridization to Cellular RNAs," in Genetic Engineering: Principles and Methods, Setlowand Hollaender, Eds., Vol. 7, pgs. 43-65 (Plenum Press, New York, 1985)	
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	B21	BARDONI et al., Cytogenet. Cell Genet., Vol. 46, pg. 575 (1987)	
	B22	BARTRAM et al., Persistence of Chronic Myelocytic Leukemia Despite Deletion of Rearranged bcr/c-abl Sequences in Blast Crisis, Vol. 164, pgs. 1389-1396, (November 1986)	
	B23	BARTRAM et al., Translocation of c-abl Oncogene Correlates with the Presence of a Philadelphia Chromosome in Chronic Myelocytic Leukaemia, Vol. 306, pgs. 277-280 (Nov. 1993), Nature Publishing Group, London, England	
	B24	BAYER et al., "The Use of the Avidin Biotin Complex as a Tool in Molecular Biology," Methods of Biochemical Analysis, Vol. 26, pgs. 1-45 (1980)	
	B25	BENN et al., Utility of Molecular Genetic Analysis of bcr Rearrangement in the Diagnosis of Chronic Myeloid Leukemia, Vol. 29, pgs. 1-7 (1987), Cancer Genet Cytogenet	
	B26	BEN-NERIAH et al., The Chronic Myelogenous Leukemia-Specific P210 Protein Is the Product of the bcr/abl Hybrid Gene, Science, Vol. 233, pgs. 212-214 (July 1986)	

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	B27	BENTON and DAVIS, Science, Vol. 196, pgs. 180-182 (1977)	
	B28	BERG, Ed. Genetic Damage in Man Caused by Environmental Agents, Academic Press, New York, (1979)	
	B29	Biochemical Indicators of Radiation Injury in Man, (1971), International Atomic Energy Agency, Vienna	
	B30	BRIGATI et al., "Detection of Viral Genomes in Cultured Cells and Paraffin-Embedded Tissue Sections Using BiotinLabeled Hybridization Probes," Virology, Vol. 126, pgs. 32-50 (1983)	
	B31	BRISON et al., "General Method for Cloning Amplified DNA by Differential Screening with Genomic Probes," Molecular and Cellular Biology, Vol. 2, pgs. 578-587 (1982)	
	B32	BRITTON et al., "Analysis of Repeating DNA Sequences by Reassociation Inn Methods in Enzymology, Vol. 29, pgs. 363-418 (1974)	
	B33	BROCK et al., Chromosoma, Vol. 83, NO. 2, pgs. 159-168, Berlin, Germany (1981)	
	B34	BROKER et al., "Electron Microscopic Visualization of tRNA Genes with Ferritin-Avidin: Biotin Labels," Nucleic Acids Research, Vol. 5, pgs. 363-384 (1978)	
	B35	CANAANI et al., Altered Transcription Of An Oncogene In Chronic Myeloid Leukaemia, Vol. 1, pgs. 593-596, (March 1984), The Lancet	
	B36	CANNIZZARO et al., Cytogenetics and Cell Genetics, Vol. 39, pgs. 173-178, (1985)	

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	B37	CANTOR and SCHIMMEL, Biophysical Chemistry: Part III: The Behavior of Biological Macromolecules, at 1228-1230 (Freeman and Co. 1980)	
	B38	CARRANO et al., "Measurement and Purification of Human Chromosomes by Flow Cytometry and Sorting," Proc. Natl. Acad. Sci, Vol. 76, pgs. 1382-1384 (1979)	
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	B41	COLLINS et al., Rearrangement and Amplification Of c-abl Sequences in the Human Chronic Myelogenous Keukemia Cell Line K-562, Vol. 80, pgs. 4813-4817, (1983), Proc. Natl. Aca. Sci. USA	
	B42	CONNOLLY et al., Nucleic Acids Research, Vol. 13, pp. 4485-4502 (1985)	
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	B45	CREMER et al., Hum. Genet, Vol. 74, pg. 346 (1986)	

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	B46	CREMER et al., Hum. Genet., Vol. 74, pg. 317, (1984)	
	B47	CREMER et al., Hum. Genet., Vol. 80, pg. 235 (1988)	
	B48	D'EUSTACHIO et al., Somatic Cell Genetics in Gene Families, Science, Vol. 220, pgs. 9, 19-24, (1983)	
	B49	DAVIES et al., "Cloning of a Representative Genomic Library of the Human XChromosome After Sorting by Flow Cytometry," Nature, Vol. 293, pgs. 374-376 (1981)	
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	B56	EPSTEIN, The Consequences of Chromosome Imbalance: Principles, Mechanisms and Models Cambridge Univ. Press , (1986)	
	B57	FAINSTAIN et al., A New Fused Transcript in Philadelphia Chromosome Positive Acute Lymphocytic Leukaemia, Vol. 330, pgs. 386-388, (Nov. 1987), Nature Publishing Group, London, England	
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	B64	GALL and PARDUE, "Nucleic Acid Hybridization in Cytological Preparations," Methods in Enzymology, Vol. 21, pgs. 470-480 (1981)	
	B65	GERMAN, "Studying Human Chromosomes Today," American Scientist, Vol. 58, pgs. 182-201 (1970)	
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	B68	GIBIS and Jackson, Karyogram, Vol. 11. pg. 91 (1985)	
	B69	GRAY et al, UCRL-93567 ABSTRACT	
	B70	GREEN et al., described in Cell, Vol. 32, pgs. 681-694 (1983)	
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	B73	GUO et al., Nucl. Acids Res., Vol. 10 pg. 2065	

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	B75	HARPER et al., Chromosoma, Vol. 83, pgs. 431-439, (1981), Berlin, Germany	
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	B77	HEGEWISCH-BECKER et al., RNA Isolation for PCR of BCR-ABL Rearrangements from CML Samples with Minimal Cell Numbers, 13E, pg. 289 (1989)	
	B78	HEISTERKAMP et al., Localization of the c-abl Oncogene Adjacent to a Translocation Break Point in Chronic Myelocytic Leukaemia, Vol. 306, pgs. 239-242 (Nov. 1983), Nature Publishing Group, London, England	
	B79	HEISTERKAMP et al., Structural Organization of the bcr Gene and its Role in the PH' Translocation, Vol. 315, pgs. 758-761, (June 1985), Nature Publishing Group, London, England	
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	B81	HEISTERKAMP et al., The Human v-abl Cellular Homologue, Jour. of Mol. and Appl. Gene., Vol. 2, No. 1 pgs. 57-68, (1983), Raven Press, New York	
	B82	HENDERSON, Cytological Hybridization to Mammalian Chromosomes, Vol. 76, pgs. 1-46 (1982), International Review of Cytology	
	B83	HERMANS et al., Unique Fusion of bcr and c-abl Genes in Philadelphia Chromosome Positive Acute Lymphoblastic Leukemia, Vol. 51, pgs. 33-40, (Oct. 1987), Cell Press Cambridge, MA, USA	

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				Filing Date	30-Jun-2003
				First Named Inventor	Gray, Joe W., et al.
				Art Unit	1631
				Examiner Name	Marjorie A. Moran
Sheet	8	of	17	Attorney Docket Number	7045945002

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	B84	HERZENBERG et al., PNAS, Vol. 76, pg. 1453 (1979)	
	B85	HIROSAWA et al., Undetectable <i>bcr-abl</i> Rearrangements in Some CML Patients Are Due to a Deletion Mutation in the <i>bcr</i> Gene, Vol. 28, pgs. 33-36, (1988), American Journal of Hematology	
	B86	HOHN in Methods in Enzymology, Vol. 68, pp. 299-309 (1979) Molecular Cloning: A Laboratory Manual, (Cold Spring Harbor Laboratory, New York, (1982)	
	B87	HOOBERMANN et al., Detection of the Philadelphia Chromosome in Acute Lymphoblastic Leukemia by Pulsed-Field Gel Electrophoresis, Blood Vol. 74, No. 3, pgs. 1101-1107, (August 1989)	
	B88	HOPMAN et al., Exp. Cell Res., Vol. 169, pg. 357 (1987)	
	B89	Hum. Genet., 1988, Vol. 80, 'pgs. 224-34	
	B90	Hum. Genet., 1988, Vol. 80, pgs. 235-46	
	B91	JABS et al., Proceedings Of The National Academy Sciences, Vol. 81, pgs. 4884-4888, (1984), USA	

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	B92	JACOBS, Am. J. Epidemiology, Vol. 105, pg. 180, (1977)	
	B93	JOHNSON et al., A Simple Method of Reducing the Fading of Immunofluorescence During Microscopy, Vol. 43, pgs. 349-350, (1981), Journal of Immunological Methods	
	B94	KALLIONIEMI et al., Science, Vol. 258, pgs. 818-821, USA (30 October 1992)	
	B95	KAO et al., Assignment of the structural Gene Coding for Albumin to Chromosome 4, Vol. 62, pgs. 337-341, (1982), Human Genetics	
	B96	KAO, Somatic Cell Genetics and Gene Mapping, Vol. 85, pgs. 109-146, (1983), International Review of Cytology	
	B97	KAWASAKI et al., Diagnosis of Chronic Myeloid and Acute Lymphocytic Leukemias by Detection of Leukemia-Specific mRNA Sequences Amplified in vitro, Proc. Natl. Acad. Sci., USA, Vol. 85, (Aug 1988) pgs. 5698-5702, National Academy of Sciences, Washington, DC USA	
	B98	KAWATA et al., J. Exp. Med., Vol. 160, pg. 653 (1984)	
	B99	KOHLER et al., Expression of bcr-abl fusion transcripts following bone marrow transplantation for Philadelphia chromosome-positive leukemia, PubMed, Vol. 4(8), pgs. 541-547, (Aug. 1990)	
	B100	KONOPKA et al., An Alteration of the Human c-abl Protein in K562 Leukemia Cells Unmasks Associated Tyrosine Kinase Activity, Cell, Vol. 37, pgs. 1035-1042, (July 1984)	

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	B101	KONOPKA et al., Cell Lines and Clinical Isolates Derived from Ph ¹ -Positive Chronic Myelogenous Leukemia Patients Express c-abl Proteins with a Common Structural Alteration, Vol. 82, pgs. 1810-1814, Proc. Natl. Aca. Sci. USA (1985)	
	B102	KRAYBILL et al., Eds., Environmental Cancer Hemisphere Publishing Corporation, New York, (1977)	
	B103	KRUMLAUF et al., "Construction and Characterization of Genomic Libraries from Specific Human Chromosomes," Proc. Natl. Acad. ScL, Vol. 79, pgs. 2971-2975 (1982)	
	B104	KUHLMANN, Immunoenzyme Techniques in Cytochemistry (Weinheim, Basel, 1984)	
	B105	LANDEGENT et al., Exptil Cell Res., Vol. 153, pgs. 61-72 (1984)	
	B106	LANDEGREN et al., Science, Vol. 242, pg. 229, (1988)	
	B107	LANGER et al., "Enzymatic Synthesis of Biotin Labeled Polynucleotides: Novel Nucleic Acid Affinity Probes," Proc. Natl. Acad. Sci., Vol. 78, pgs. 6633-6637 (1981)	
	B108	LANGER-SAFER et al., PNAS USA, Vol. 79, pg. 4381 (1982)	
	B109	LATT, "Optical Studies of Metaphase Chromosome Organization," Annual Review of Biophysics and Bioengineering, Vol. 5, pgs. 1-37 (1976)	
	B110	LAWN et al., "The Isolation and Characterization of Linked Delta-and-Beta-Globin Genes from a Cloned Library of Human DNA. "Cell, Vol. 15, pgs. 1157-1174 (1978)	

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	B111	LAWRENCE et al.; Sensitive, High-Resolution Chromatin and Chromosome Mapping In Situ: Presence and Orientation of Two Closely Integrated Copies of EBV in a Lymphoma Line; Vol. 52, pgs. 51-61, (1988)	
	B112	LEE et al., Detection of Two alternative <i>bcr/abi</i> m RNA Junctions and Minimal Residual Disease in Philadelphia Chromosome Positive Chronic Myelogenous Leukemia by Polymerase Chain Reaction, Vol. 73, No. 8, pgs. 2165-2170 (June 1989)	
	B113	LEFFAK, Anal. Biochem., Vol. 141, pgs. 33-37 (1984)	
	B114	LEWIN, B. (editor), Genes (2nd Edition John Wiley & Sons, Inc. 1984 pgs. 294-298 and pgs. 464-465	
	B115	LICHTER et al., Proc. Natl. Acad. Sci. USA, Vol. 85, pg. 9664 (1988)	
	B116	LLKE and Butterworth, J. Cell Sci, Vol. 76, pg. 189 (1985)	
	B117	LUBS et al., Science, Vol. 169, pg. 495, (1970)	
	B118	MANIATIS et al., "Molecular Cloning: A Laboratory Manual," (Cold Springs Harbor Laboratory, 1982), pgs. 256-339	
	B119	MANNING et al.. Biochemistry, Vol. 16, pgs. 1364-1370 (1977)	

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	B120	MANUELIDIS et al., "Human Genet., Vol. 71, pg. 288, (1985)	
	B121	MANUELIDIA et al., Chromosomal and Nuclear Distribution of the Hind III 1.9-KB Human DNA Repeat Segment, Chromosoma, Vol. 91, pgs. 28-38, (1984)	
	B122	MARMUR, "A Procedure for the Isolation of Deoxyribonucleic Acid from Micro-Organisms," J. Mol. Biol., Vol. 3, pgs. 208-218 (1961)	
	B123	MENDELSOHN et al., Science, Vol. 179, pg. 1126 (1973)	
	B124	MONTGOMERY et al., Proceedings Of The National Academy Sciences, Vol. 80, pgs. 5724-5728, USA, (1983)	
	B125	NAKAMURA et al, Science, 235: 1616 (1987)	
	B126	NORA et al., Medical Genetics: Principles and Practice Lea and Febiger, (1989)	
	B127	NOWELL et al., National Academy of Sciences, Science, Vol. 132, pgs. 1488-1501 (November 1960)	
	B128	OLSEN et al., Isolation of Unique Sequence Human X Chromosomal Deoxyribonucleic Acid, Biochemistry, Vol. 19, pgs. 2419-2428 (1980)	
	B129	OLSEN et al., Isolation of Unique Sequence Human X Chromosomal Deoxyribonucleic Acid, Biochemistry, Vol. 19, pgs. 2419-2428 (1980)	

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	B130	PARKS and HERZENBERG, Methods in Cell Biology, Vol. 10, pgs. 277-295 (Academic Press, N.Y., 1982)	
	B131	PETERS et al., Cytometry, Vol. 6, pg. 290-301 (1985)	
	B132	PINKEL et al, UCRL-93243 ABSTRACT	
	B133	PINKEL et al, UCRL-93269 ABSTRACT	
	B134	PINKEL et al, UCRL-93553 ABSTRACT	
	B135	PINKEL et al. (II), Cold Spring Harbor Symp. Quant. Biol., Vol. 1, pg. 151 (1986)	
	B136	PINKEL et al. (II), supra; Manuelidis, PNAS USA, Vol. 81, pg. 3123 (1984)	
	B137	PINKEL et al., Cytogenetic Analysis Using Quantitative, High-Sensitivity, Fluorescence Hybridization, Vol. 83, pgs. 2934-2938 (May 1986), Proc. Natl. Acad. Sci. USA	
	B138	PINKEL et al., Fluorescence in situ Hybridization with Human Chromosome-Specific Libraries: Detection of Trisomy 21 and Translocations of Chromosome 4, Proc. Natl. Acad. Sci., USA, Vol. 85, pgs. 9138-9142, (Dec. 1988), Natl. Acad. Of Sci., Washington, DC, USA	
	B139	PINKEL et al., Proceedings Of The National Academy Sciences, Vol. 83, pgs. 2934-2938, USA, (May 1986)	

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	B140	Proc. Natl. Acad. Sci. USA., 1988, Vol. 85, pgs. 9664-8	
	B141	RAPPOLD et al., Hum. Genet, Vol. 67, pg 317, (1984)	
	B142	RICHARDSON et al., "Biotin and Fluorescent Labeling of RNA Using T4 RNA Ligase," Nucleic Acids Research, Vol. 11, pgs. 6167-6184 (1983)	
	B143	RIGBY et al., J. Mol. Biol., Vol. 113, pg. 237 (1977)	
	B144	ROTH et al., Detection of Philadelphia Chromosome - Positive Cells by the Polymerase Chain Reaction Following Bone Marrow Transplant for Chronic Myelogenous Leukemia, Blood Vol. 74, No. 2, pgs. 882-885, (August 1989)	
	B145	ROWLEY, A New Consistent Chromosomal Abnormality in Chronic Myelogenous Leukaemia identified by Quinacrine Fluorescence and Giemsa Staining, Nature Vol. 243, pgs. 290-293, (June 1973), Nature Publishing Group	
	B146	RUDKIN and STOLLAR, Nature, Vol. 265, pgs. 472-473 (1977)	
	B147	SAIKI et al., Science, Vol. 230, pg. 1350 (1985)	
	B148	SCHARDIN et al., Hum. Genet., Vol. 11, pg. 282 (1985)	
	B149	SCHMECKPEPER et al., "Partial Purification and Characterization of DNA from Human X Chromosome," Proc. Natl. Acad. Sci., Vol. 76, pgs. 6525-6528 (1979)	

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	B150	SCHMICHEL, Journal of Pediatrics, Vol. 109, pg. 231, (1986)	
	B151	SCHWEIZER, "Reverse fluorescent chromosome banding with Chromomycin and DAPI," Chromosoma, Vol. 58, pgs. 307-324 (1976)	
	B152	SEALINGHE et al, Chromosoma, Vol. 82, pgs. 205-216, (1981), Berlin, Germany	
	B153	SEALY et al., "Removal of Repeat Sequences from Hybridization Probes", Nucleic Acid Research, Vol. 13, pg. 1905 (1985)	
	B154	SHTAIRID et al., Analysis of Breakpoints Within the <i>bcr</i> Gene and Their Correlation with the Clinical Course of Philadelphia-Positive Chronic Myelogenous Leukemia, Blood, Vol. 72, No. 2, pgs. 485-490 (Aug 1988), Grune & Stratton, Washington, DC, USA	
	B155	SHTIVELMAN et al., Alternative Splicing of RNAs Transcribed from the Human <i>abl</i> Gene and from the <i>bcr-abl</i> Fused Gene, Cell, Vol. 47, pgs. 277-284, (Oct. 1986), Cell Press, Cambridge, MA, USA	
	B156	SHTIVELMAN et al., <i>bcr-abl</i> RNA in Patients With Chronic Myelogenous Leukemia, Vol. 69, No. 3, pgs. 971-973, (March 1987)	
	B157	SIEBERS et al., Humangenetik, Vol. 28, pg. 273 (1975)	
	B158	SMITH et al., Nucleic Acids Research, Vol. 13, pgs. 2399-2412 (1985)	
	B159	Somatic Cell Molec. Genet., Vol. 11, pg. 571 (1985)	

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	B160	SPARKES, Biochem. Biophys. Acta., Vol. 780, pg. 95, (1985)	
	B161	STEWART et al, Nucleic Acids Research, Vol. 13, pgs. 4125-4132 (1985)	
	B162	STRAUME et al. UCRL-93837 ABSTRACT	
	B163	TCHEN et al., 'Chemically Modified Nucleic Acids as Immunodetectable Probes in Hybridization Experiments,' Proc. Natl. Acad. Sci., Vol. 81, pgs. 3466-3470 (1984)	
	B164	TRASK et al, UCRL-93372 ABSTRACT	
	B165	TRASK et al., Early hydrofolate reductase gene amplification events in CHO cells usually occur on the same chromosome arm as the original locus; Vol. 3, Received pgs. 1913-1925 (August 1989), Revised Version Accepted (September 1989)	
	B166	TRASK et al., Hum. Genet., Vol. 78, pg. 251, (1988)	
	B167	TRASK et al., The Proximity of DNA Sequences in Interphase Cell Nuclei Is Correlated to Genomic Distance and Permits Ordering of Cosmids Spanning 250 Kilobase Pairs, Vol. 5, pgs. 710-717 (1989), GENOMICS	
	B168	TRASK, et al., in Science, Vol. 230, pp. 1401-1402 (1985)	
	B169	UCRL-52000-85-7, Energy and Technology Review, pgs. 84-85, (July 1985)	

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Sheet 17 of 17

Complete if Known

Application Number	10/608,092
Filing Date	30-Jun-2003
First Named Inventor	Gray, Joe W., et al.
Art Unit	1631
Examiner Name	Marjorie A. Moran

Attorney Docket Number 7045945002

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B170	van DEKKEN et al., Chromosoma (Berl) Vol. 97, pgs. 1-5 (1988)	
	B171	van den ENGH et al., Cytometry, Vol. 5, pgs. 108-123 (1984)	
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	B173	van DILLA et al., "Human Chromosome-Specific DNA Libraries: Construction and Availability," Biotechnology, Vol. 4, pgs. 537-552 (1986)	
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	B176	WILLARD et al., "Isolation and Characterization of a Major Tandem Repeat Family from the Human X Chromosome," Vol. 11, pgs. 2017-2033, (1983), Nucleic Acids Research	
	B177	YUNIS and M.E. CHANDLER Prog. in Clin. Path., Vol. 7, pg. 267 (1977)	
	B178	YUNIS, The Chromosomal Basis of Human Neoplasia, Vol. 221, pgs. 227-236, (1983), Science	
	B179	ZILLACUS et al., Scan. J. Haematol, Vol. 15, pg. 333 (1975)	

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